WADGE HIERARCHIES VERSUS GENERALIZED WADGE HIERARCHIES

RICCARDO CAMERLO

I present a work in progress, where it is proved that the reducibility by continuous relations on a second countable, T_0 space X, either coincides with the Wadge reducibility, or there is no topology on X that can turn it into Wadge reducibility. I present some partial attempts to determine which spaces fit in each of the two cases.

POLITECNICO DI TORINO